

Information about the Dataset

This data set includes information about individual rides made in GoBike bike-sharing system (now called Baywheels) covering the greater San Francisco Bay area in the month of february 2019 with 183412 rows and 16 columns, which includes duration_sec, duration_day, start_day, end_day, user_type, member_gender and so on, whereby the dataset was getting from Udacity site.

Summary of the findings

This project was quite insightful as can be drawn from it some amazing trends between trip_duration, start_day, end_day ages and usertype

Key :

- Subscribers (i.e. daily commuters)
- Customers (i.e. tourists, students, etc.)

Renting a bike from the Ford GoBike System is a fantastic way of moving around in the city, both for enjoyment and work. There are two types of clients using the system : Subscribers and Customers. Where the Subscribers are known to be primarily daily commuters, having short trips to and from work, who rent a bike on weekdays at 8-9am and 5-6pm, and occasionally around lunch time. Customers are known to be usually tourists or occasional riders who use the system mainly to explore the Bay Area.

Insights for presentation

The overall goal of the presentation are to show the following :

- How long the average trip takes
- The count of each member with respect to there age
- What is the Monthly Usage?
- When are the most trips taken in terms of day of the week?
- Which gender has the highest Bike trips?
- Does trip duration depends on user type?
- Is there a relationship between duration and customer's age?
- Does trip duration depends on Gender?
- how does the trip duration varies within Users?
- What relationship is between day,duration_minutes and also the user_type
- Is there any relationship between weekday,duration of mins and also the usertype?
- Is there any relationship between the weekday,duration in minutes and also member age